

Please replace the Abstract at page 14 with the following rewritten Abstract:

ABSTRACT

An EGR cooler has tubes [[(3)]] and a shell [[(1)]] for enclosing the tubes [[(3)]].

Cooling water [[(9)]] is supplied into and discharged from the shell [[(1)]] and exhaust gas [[(10)]] from a diesel engine is guided into each of the tubes [[(3)]] so as to conduct heat exchange of the exhaust gas [[(10)]] with the cooling water [[(9)]].

An inner periphery of each of the tubes [[(3)]] is formed with spiral protrusions [[(12, 13)]] each having an inclination angle [[( $\theta$ )]] in a range of 26°-50° to a plane perpendicular to an axis [[(x)]] of the tube [[(3)]].